M. A. R. 57 (Rule 116)
Measurement Book

No. E 368968

Serial No. 1st & Final Bill

Name of work Improvements to Balanle Dlwds and drains at Anantharaja Village in Chowdeshwari ward no-02 of Yelahanka sub division

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7	8
	name of contractor :- SRi. Nagesh-M, Bangalore.					
	JOB code no :- 002-23-000002.					
	Estimate cost :- 20.00 lakhs.					
	Work order no :- BBMP/EE/YNK-D/EAMT-12/W.O/75/2022-23 @ date 12-01-2023.					

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1)	Earthwork Excavation by manual means for drains, canals, waste weir draft approach chambers, key trenches, Foundation of bridges. Qty vide BS Pegs Pre-measurement Recorded on MB Page no - 368993-94.						
	upto 125% - 203.50 @Rs ~~203~~ 264/cum = 53724.00						
	above 125% - 102.77 @Rs 264/cum = 27131.28.						
2)	Providing and laying in Position Plain Cement Concrete for levelling course for all works in Foundation- the granite/trap/basalt/crushed grade course						

M. A. R. 57 (Rule 116) No. E 368969
Measurement Book

rial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty Vides As Per Pre-measurement Recorded on MB. Page no - 368994-95- Qty 3.48 cum @ Rs 4826.00 = 235557.06.						
	3) Supplying, fitting and placing un-coated TMT Bar Reinforcement in Sub-structure. Qty vide As Per Pre-measurement Recorded on MB- Page no - 368995-96 Qty 3.48 tn @ Rs 81,000 = 280035.52.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and laying in Position Reinforced Cement concrete for all structures of building, Irrigation works, Sub structure works of bridge & drain works.						
	Qty vide AB Page no — 368996					Qty 88-03 cum @ RS 5445-00 = 315984-25	
	5) Providing and fixing Pre Calt reinforced cement concrete coursing slabs of 10cm thick made of M25 with DPC Cement @ 340kgs/cum with 20mm-						

Recorded on MB

M. A. R. 57 (Rule 116)
Measurement Book

No. E 368970

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Precast slab. Bhagavathi Badavane 3rd A main Rd RHS from Kencherahalli main Rd	1	30.00	0.75		22.50	
		1	18.60	0.75		13.95	
		1	8.30	0.75		6.23	
		1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	13.70	0.75		10.28	

C & C

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2Hs	1	30.00	0.75		22.50	
		1	30.00	0.75		22.50	
		1	7.80	0.75		5.85	
	Anathapura village missing slab						
		10	0.60	0.90		5.40	
		8	0.60	0.90		4.32	
		12	0.60	0.90		6.48	
		8	0.60	0.90		4.32	
		10	0.60	0.90		5.40	
						174.72	Sqm
	C & Fc Ramanjaneya Asst. Executive Engineer Yelahanka Sub. Divison (BBMP Ynk. Zn) Yelahanka, Bangalore					@RS 1637.00 = 286016.64	

M. A. R. 57 (Rule 116) No. E 368971

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Earthwork in surface Excavation by mechanical means for lowering & levelling the ground for all works other than foundation in all kinds of soils. qty vide As per pre-measurement Recorded on this MB Page no-368997-98					qty 31.75 cum @ Rs 56.00 = 1778.00	
	7) Providing and constructing un-Reinforced Plain cement concrete Pavement, thickness as per design, duly prepared						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sub base with 43 grade Cement or any other type as per Clause 1501-2.2 M30 (1grade) Bhagavathi Badavane C.C Road Cross Rd-1	1	25.40	5.00	0.15	19.05	
						19.05 Cum	
	8) Cost of Haulage Excluding loading and unloading taking Out Put lot load. qty item no-01		306.22	1.28		@Rs 5658.00 = 107784.90 392.03 Cum	

limited to 343.20 Cum @ Rs 83.00 = 28485.27.

Executive Engineer
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

M. A. R. 57 (Rule 116) No. E 368972
Measurement Book

Serial No. ..... From ..... To .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sub total —					1338497.41	
	GST 18-/- —					240929.53	
	Grand total					1579426.94	

Certificate

1) Certified that the work done is satisfactorily
2) There is no departmental issues by BBMP

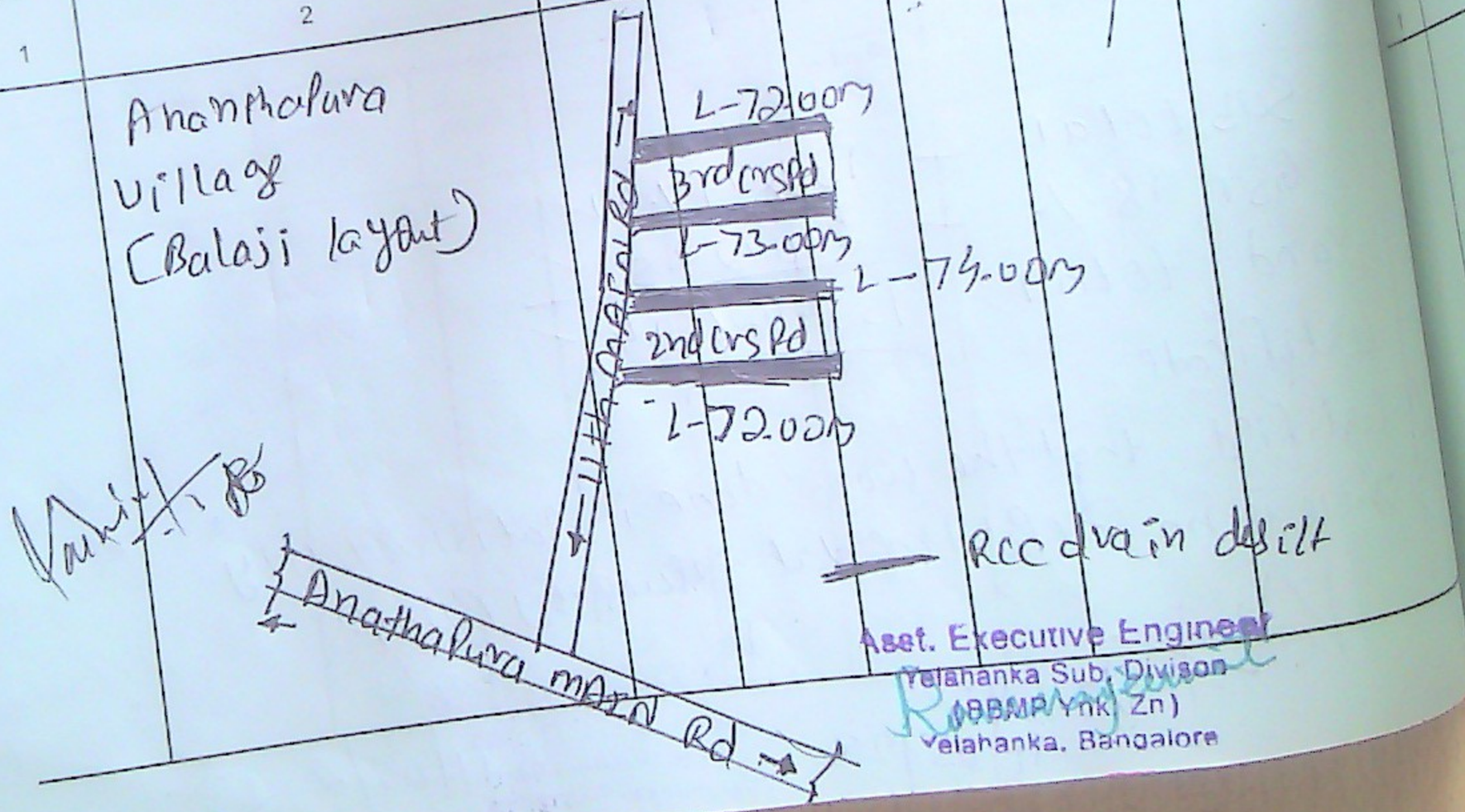
Executive Engineer
11/05/23

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
11/05/2023

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Anantapura
Village
(Balaji layout)



Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk Zn)
Yelahanka, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. E 368973

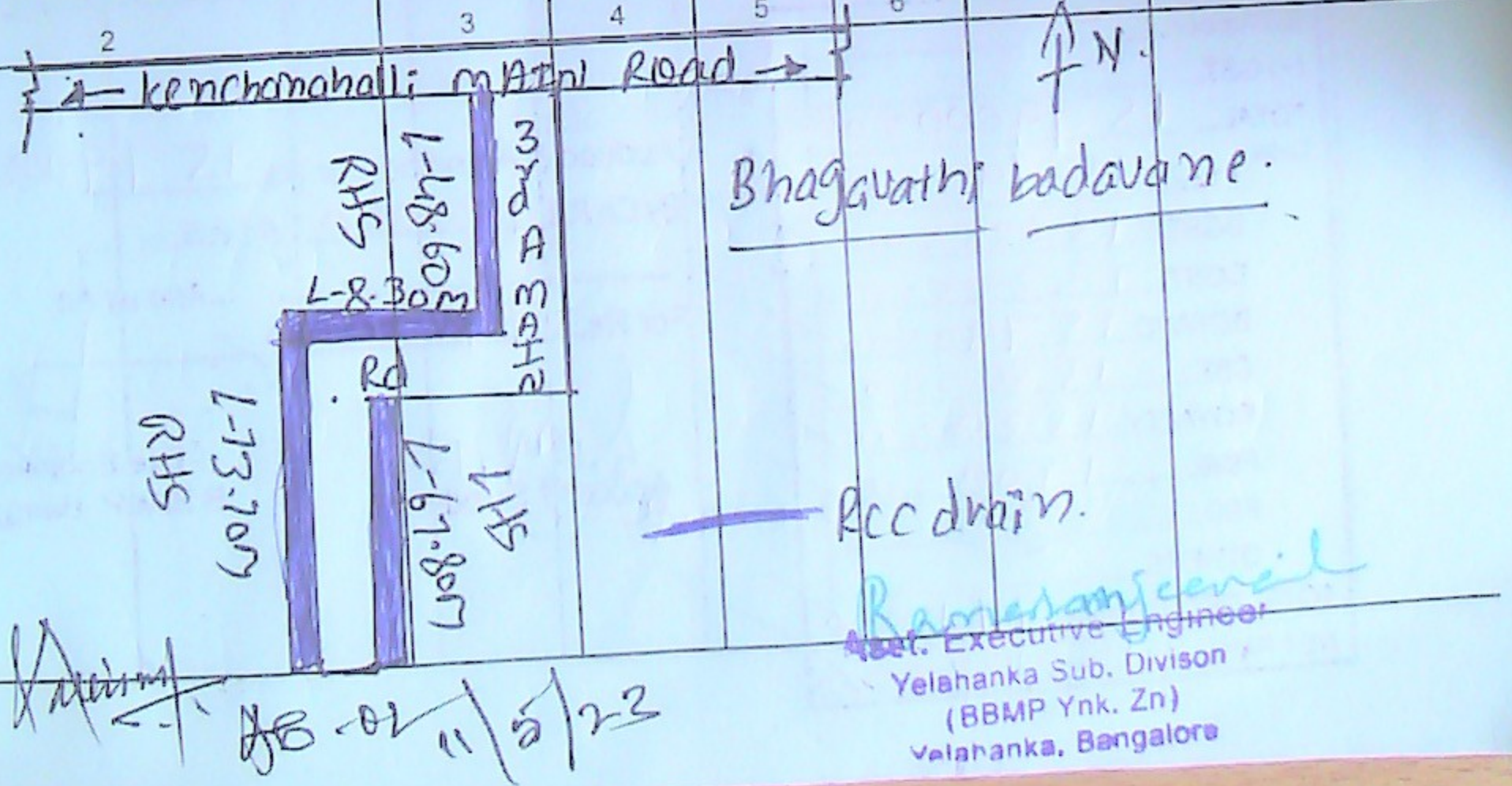
Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st and Final					Jobcode-002-23-000002 SBR No-00022/S.D-23	

Bill Amount ..... -
(+) GST 1579000:00
TOTAL 1579000:00
Less :
I.Tax 157900:00
SGST 13385:00
CGST 13385:00
BCWWC 15790:00
CBF 1580:00
ROYALTY 15358:00
FINE 1900:00
FSD ..... -
OTHERS ..... -
TOTAL DEDUCTION 77180:00
NET PAY 1501820:00

Audited & Admitted For Rs. 1579000:00
By Ch Rs: 1501820:00 Amount
For Rs. 77180:00 ...And by Ad, nt

Account Suddent

Exe Engineer
B.B.M.P Bangalore

Pre-measurement.

M. A. R. 57 (Rule 116) No. E

Measurement Book

368993

Memorial No. 1st & final Bill

Name of work ...improvements to... from baloore Roads and drains at Ananthapura village in chowdeshwari

Name of Contractor of nature of Agency.....

Date of commencement of work... Ward no-02 Yelahanka Sub division

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earthwork Excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works.						
	for RCC drain.						
	Bhagavathi Badavane						
	3rd A MAIN Rd	1	30.00	1.00	1.05	31.50	
	RTS From.	1	18.60	1.00	1.05	19.53	
	kenchenahalli MAIN	1	8.30	1.00	1.05	8.72	
	Rd	1	30.00	1.00	1.05	31.50	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	1.00	1.05	31.50	
		1	13.70	1.00	1.05	14.39	
	2HS	1	30.00	1.00	1.05	31.50	
		1	30.00	1.00	1.05	31.50	
		1	7.80	1.00	1.05	8.19	
	~~Providing~~ RCC drain desilt Ananthapura village Balaji layout 2nd Cross Rd 2HS	1	30.00	0.60	0.55	9.90	
		1	30.00	0.60	0.60	10.80	
		1	14.00	0.60	0.55	4.62	

EE & Fic

Recommended

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zone)
Yelahanka, Bangalore

M. A. R. 57 (Rule 116) No. E

Measurement Book

368994

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... .....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	RHS	1	30.00	0.60	0.55	9.90	
		1	30.00	0.60	0.60	10.80	
		1	12.00	0.60	0.55	3.96	
	3rd cross Rd LHS						
		1	30.00	0.60	0.55	9.90	
		1	30.00	0.60	0.60	10.80	
		1	12.00	0.60	0.55	3.96	
	RHS	1	30.00	0.60	0.50	9.00	

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Asst. Executive Engineer Yelahanka Sub. Division (BBMP Ynk. Zn) Yelahanka, Bangalore	1	30.00	0.60	0.60	10.80	
		1	13.00	0.60	0.45	3.51	
						30627 Cum	
					up to 105%	203.50 Cums	
					Above 105%	102.77 Cums	
	2) Providing and laying in position Plain Cement Concrete for levelling for levelling course for all works in foundation, the granite / trap / basalt crushed.						
	For RCC drain						
	Bhagavathi Badavane 3rd A MAIN Rd.	1	30.00	1.00	0.15	4.50	
	R/S from Kenchenahalli MAIN Rd	1	18.60	1.00	0.15	2.79	
		1	8.30	1.00	0.15	1.25	

M. A. R. 57 (Rule 116) No. E 368995
Measurement Book

erial No. .....
ame of work ..... From ..... To .....
ame of Contractor of nature of Agency.....
ate of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	LHS.	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	13.70	1.00	0.15	2.06	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.5	
		1	7.80	1.00	0.15	1.17	
	C.C Road					~~29.76~~ Cum	
	Cross Rd-1	1	25.40	5.00	0.15	19.05	
						48.81 Cum	

C & FC
Remarks
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Supplying fitting and placing un coated TMT bar Reinforcement in Sub-structure complete as per drawing - For Rcc drain Bhagavathi Badavane 3rd A MAIN Rd RHS from Kenchenahalli MAIN Rd						
	Total drain length = 198.40 m.						
	MAIN Bar 10mm dia @ 140mm c/c	1430	2.05		0.61	1788.22	
	d = 0.61 kg/m						

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Yelk. Zn)
Yelahanka, Bangalore.

M. A. R. 57 (Rule 116) No. E 368996

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	No of 4 Bars = 1430		198.40				
	No of distrubution Bars = 14.	14	~~2005~~		061	1694.34	
						3482.55	Kgs.
			Present qty.			3.48	Tm.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and laying in Position Reinforced Cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, drain works RCC drain Raft.						
	Bhagavathi Badavane	1.00	30.00	0.75	0.15	3.38	
	3rd A MAIN Rd	1.00	18.60	0.75	0.15	2.09	
	Rds from Kenchenahalli	1.00	8.30	0.75	0.15	0.93	
	MAIN Rd.	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	0.15	3.38	
		1.00	13.70	0.75	0.15	1.54	

Kavitha T.

C & FC

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Name of Work
Name of Contractor or nature of Agency
Date of commencement of work

Date	Full description, etc, of work	
1	2	
	LHS	
	RCC drain Wall	

M. A. R. 57 (Rule 116) No. E 368997
Measurement Book

ial No. .....
me of work ..... From ..... To .....
me of Contractor of nature of Agency.....
te of commencement of work.....

ate	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
	2	3	4	5	6	7	8
	LHS	1.00	30.00	0.75	0.15	3.38	
		1.00	30.00	0.75	015	0.88	
	RCC drain wall						
		2.00	30.00	0.15	0.60	5.40	
		2.00	18.60	0.15	0.60	3.35	
		2.00	8.30	0.15	060	1.49	
		2.00	30.00	0.15	0.60	5.40	
		03/23					

C&FC Ramanjaneyulu
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2.00	30.00	0.15	0.60	5.40	
		2.00	13.70	0.15	0.60	2.47	
	LHS	2.00	30.00	0.15	0.60	5.40	
		2.00	30.00	0.15	0.60	5.40	
		2.00	7.80	0.15	0.60	1.40	
				Present Qty		58.03	C/M
	6) Earth work in surface Excavation by mechanical means for lowering & levelling the ground for all works other than foundation in all kinds of soils & upto						

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yelahanka Zone)
Yelahanka, Bangalore

Ramanjaneya

M. A. R. 57 (Rule 116)
Measurement Book

No. E 368998

ial No. ..... From ..... To .....

me of work .....

me of Contractor of nature of Agency.....

te of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Concrete Road Bhagavathi Badavane Cross Rd-1	1·00	25·40	5·00	0·25	31.75	
				Present Qty		31.75	Cum.

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore